



Central Catholic High School
Course Selection Catalog
2021 - 2022

Mission Statement

Central Catholic High School is a college preparatory school education in the Marianist tradition young men from diverse backgrounds for success in higher education through the development of scholarship, leadership, and moral character.

Learning and the Characteristics of a Marianist Education

Each course, each activity, and each decision at Central Catholic High School is made with the five Characteristics of Marianist Education in mind.

- Educate for formation in faith
- Provide an integral, quality education
- Education in family spirit
- Educate for service, justice, and peace
- Educate for adaptation and change

COURSE SELECTION PROCESS

Current students review their academic plan each February with their counselors. Students will input their course selections using their Aeries portal during the course registration period with their parents at home. Parents will also have access to see the course selection for the upcoming school year on Aeries.

After a returning student's course selections have been verified for accuracy, any change of schedule may be approved only if it seems to be in the student's best academic interest. This is done at the discretion of the Dean of Academics with the concurrence of his counselor, and parent (or guardian).

Dates and deadlines concerning the initial or re-registration of students are noted on the official school calendar.

CONFLICTS

It is recommended that sophomore, junior, and senior students select alternate elective courses. Each student's first request will be honored when possible, but each year there are unavoidable scheduling conflicts that require students to be enrolled in their alternate course. Availability of any course is contingent on minimum demand and maximum capacity.

GRADUATION REQUIREMENTS

Since at least 28 credits are required for graduation, a student must take and pass seven classes each year. Early release schedules are not permissible at CCHS. All students will complete the Foundation High School Program (FHSP) Distinguished Level of Achievement with a Multidisciplinary Endorsement.

All Central Catholic students must complete the following to be eligible for graduation:

Religion	4 credits
English	4 credits
Social Studies	4 credits (World Geography, World History, U.S. History, Government/Economics)
Science	4 credits (Biology, Chemistry, Physics, and one advanced science course)
Mathematics	4 credits Algebra I, Geometry, Algebra II, and one Advanced Math Course
Language Other Than English (LOTE)	2 credits <i>(In the same language)</i>
Fine Arts	1 credit
Physical Education	1 credit <i>(May be earned through JROTC or Band)</i>
Electives	4 credits

Students are expected to take seven courses each academic year with a minimum of one the following courses every year:

- **English**
- **Math**
- **Science**
- **Social Studies**
- **Religion**

HONORS, PRE-AP, AP, AND DUAL CREDIT COURSES

Central Catholic's curriculum includes Pre-Advanced Placement, Advanced Placement, and Dual Credit courses that require the student to do a greater volume of work at a level clearly beyond that of a standard course. Students are afforded the opportunity to earn college credit through the Advanced Placement exams and through a Dual Credit agreement with St. Mary's University. Students who sign up for an AP course are expected to register and sit for the exam.

Offered AP Classes

English

English Language
English Literature

Math

Calculus AB
Calculus BC
Statistics

Science

Biology
Chemistry
Physics

Social Studies

US History
Economics
Government
Psychology

LOTE

Spanish Language
Spinach Literature
Latin AP

Offered Dual Credit Classes

English

English IV

Math

Statistics

Science

Evolution
Biology
Chemistry

LOTE

Spanish III

CTE

Engineering

ENGLISH				
Course ID	Course Title	Course Description	Grade	Credit
1100	English I	Students work with a variety of literary genres, including drama, poetry, short stories, and novels. Basic principles of grammar and usage are introduced and drilled with the purpose of improving composition skills, especially paragraph construction and essay writing. Students learn process writing through the reworking of at least one major assignment each quarter. In addition, students are required to read additional fiction each quarter for enrichment. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.	9	1
1110	English I PAP	PR: QUALIFYING SCORE ON HSPT. English Pre-AP is a program for students testing in the high percentiles on the placement test, and whose submitted essay and middle school English grades are well above average. This sequence leads through the English II pre-AP course towards taking AP Language and AP Literature in the student's junior and senior years respectively. Students study multiple genres and are provided with a variety of writing opportunities, vocabulary study, and higher level thinking skills and strategies to prepare them for future AP tests. Furthermore, they are expected to master basic principles of grammar and usage and to attain a basic level in the practice of rhetorical and literary analysis. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.	9	1
1200	English II	This course offers a variety of literary genres, featuring works by classic and contemporary authors. In addition, greater emphasis is placed on the teaching of a Shakespearean play. Writing assignments emphasize both personal and literary essays, each with the purpose of further developing process writing skills. Grammar and usage are studied intensively to prepare students for advanced composition and for standardized tests (PSAT, SAT, ACT). Students continue reading additional fiction to complement their existing knowledge of literature. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.	10	1
1210	English II PAP	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS. This advanced course directly prepares students for entry into the Advanced Placement courses in Language and in Literature in Grades 11 and 12 respectively. This sophomore course introduces the fundamentals of complex literary analysis through the study of classic and contemporary literature. An intensive study of grammar and rhetoric, designed to improve process-writing skills, is also included. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.	10	1
1300	English III	This course offers a study of American authors across literary periods through the close reading of literature, poetry, drama, and a variety of nonfiction texts. Students will use multiple forms of writing, including expository and literary analysis essays, in their study of these works. An extensive study of grammar and vocabulary enhances the students' appreciation of language. Students also read independently to complement their literary skills. A research unit presents scholarly research techniques (finding sources, note taking, and using sources). Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.	11	1

1310	AP English Language and Composition	<p>PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS.</p> <p>The AP Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, requiring students to develop evidence-based analytic and argumentative writing skills. Students will read nonfiction texts to analyze rhetorical elements and evaluate, synthesize, and cite research to support their arguments. Summer Reading Required. Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.</p>	11	1
1400	English IV	<p>This course offers a sampling of British literature, and features classic and contemporary authors. Students continue to improve essay-writing skills by writing college applications and both personal and literary essays. Composition study emphasizes process writing. Grammar/rhetoric relates closely to composition assignments. Students learn some history of the English language. An independent reading program complements the study of required fiction. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required.</p>	12	1
1410	AP English Literature	<p>PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS .</p> <p>This challenging course is designed to develop a student's ability to read and write critically at a level beyond what is normally expected of the average college-bound student. Major works from various literary genres are discussed in depth with concentrated focus on explication and interpretation. Formal and informal student essays address complex concerns of form, meaning, and sound in literature. Grade-appropriate library and- Internet research methods are integrated into the course. Summer Reading Required.</p> <p>Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.</p>	12	1
1420	English IV DC	<p>PR: PSAT SCORE OF 500 OR HIGHER ON READING.</p> <p>This course offers a sampling of British literature, and features classic and contemporary authors. Students continue to improve essay-writing skills by writing college applications and both personal and literary essays. Composition study emphasizes process writing. Grammar/rhetoric relates closely to composition assignments. Students learn some history of the English language. An independent reading program complements the study of required fiction. Grade-appropriate library and Internet research methods are integrated into the course. Summer Reading Required. THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY.</p>	12	1
1450	AP English DC	<p>PR: PSAT SCORE OF 500 OR HIGHER ON READING, MUST HAVE MADE A 3 OR HIGHER ON ENGLISH LANGUAGE AP EXAM.</p> <p>CONFERENCE WITH CURRENT AND FUTURE INSTRUCTORS.</p> <p>This course offers a sampling of British literature, and features classic and contemporary authors. Students continue to improve essay-writing skills by writing college applications and both personal and literary essays. Composition study emphasizes process writing. Grammar/rhetoric relates closely to composition assignments. Students learn some history of the English language. An independent reading program complements the study of required fiction. Grade-appropriate library and Internet research methods are integrated into the course.</p> <p>Summer Reading Required. THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.</p>	12	1

1510	Heroes & Monsters	Literary Genres - Heroes and Monsters - Why We Need Both of Them: Essentially a Philosophy-Creative Writing hybrid with a focus on the traditional and radical uses of Heroes and Monsters in story-telling. Course is designed for students with strong reading and writing abilities who wish to become even better, as the course is intended to strengthen critical thinking and writing. Materials to include novels, poems, short stories, comic books, and movies. Essays, projects and creative works will be the standard assignments, along with plenty of discussion.	11,12	0.5
1515	Film Analysis and Production	Literary Genres - Film Analysis and Production: This is a course which focuses on the various aspects of cinema such as plot, theme, setting and character. This course will relate how a director conveys these common literary concepts in film in ways similar to how a writer conveys them in print.	11,12	0.5
1620	Advanced Journalism - Newspaper/ Yearbook	This course develops knowledge and skills in interviewing, gathering, and writing news, headlines, editorials, features, as well as in covering athletics, school clubs, teams and organizations. Students are also able to learn skills in photography. Students will work on both Central Catholic publications: the online newspaper The Pep, and the school yearbook, The Fang. Students will work independently and in staff groups to write and edit copy, . using computers to prepare articles for online publication, and to create and produce pages and spreads for the yearbook. Students, as staff members for publications, will develop confidence and creative techniques, and will learn to collaborate, manage, and organize their time to meet weekly and monthly deadlines. Please note: Assignments will include before and after school events, weekend events, and occasional out of town events that will involve travel.	10,11,12	1
1640	Public Speaking	Public Speaking: Speech and Debate is year- long course that covers a variety of styles of public speaking including dramatic/expressive reading, persuasive and informative speech, and formal debate. Students will become familiar with these styles through instruction, research, and practice. Each unit will culminate in performance assignments that require students to demonstrate their abilities within the classroom setting. Opportunities to take their knowledge to competition at the local and state level may be made available to students as well through extracurricular programs.	10,11,12	1

MATH

Course ID	Course Title	Course Description	Grade	Credit
2100	Algebra I	This course provides a foundation for upper-level mathematics courses. Content includes elementary operations with signed numbers, equalities and inequalities, operations with polynomials and rational expressions, factoring, word problems, solving linear and quadratic equations, graphing, functions, algebraic fractions, radicals, systems of equations, and an introduction to probability.	9	1
2110	Algebra I PAP	PR: PLACEMENT TEST QUALIFYING SCORE. This course includes all of the content of Algebra I with an emphasis on complex problem-solving. In addition to these fundamental topics, this honors course includes advanced topics in algebra such as exponential equations; determinants; Cramer's Rule; the binomial theorem; solving higher-order polynomial inequalities using polarity; direct, inverse, joint, and combined variation; radical expressions; solving radical equations; linear and quadratic functions; word problems; real-world applications of concepts; and the transformations of basic graphs. This will build a foundation for success in AP Calculus and AP Statistics.	9	1
2200	Geometry	PR: ALGEBRA I This required course is primarily a study of Euclidean Geometry and its applications in the real world. It covers concepts such as space, point, planes, parallel and perpendicular lines, polygons, similarity, congruence, circles, arcs, inductive and deductive reasoning, midpoint, distance formula, slope, equations of lines, constructions, triangle trigonometry, area, volume, and formal proofs.	9,10	1
2210	Geometry PAP	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS. This course provides an enriched geometry study with a greater emphasis on logical reasoning, higher order thinking skills, and problem solving. All topics and credits given for geometry apply for this course. Most students will have completed Algebra I PAP prior to enrolling in Geometry PAP.	9,10	1
2300	Algebra II	PR: ALGEBRA I This course extends the concepts and skills developed in Algebra I. Course content includes systems of linear and quadratic open sentences; polynomials and factoring; polynomial equations and inequalities; rational, irrational, and imaginary numbers; complex expressions; radicals; radical expressions; radical equations; relations, functions and their graphs; inverse functions; translations; exponential and logarithmic functions; linear inequalities; absolute value open sentences; systems of equations; basic matrix operations; conics; basic trigonometry concepts; arithmetic and geometric series; word problems; and real world applications of concepts.	10,11	1
2310	Algebra II PAP	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS. This course provides an enriched study of Algebra II. It emphasized higher order thinking skills, problem solving, and preparation for higher levels of mathematics and related fields. Most Algebra II PAP students successfully completed Geometry PAP.	10,11	1
2400	Precalculus	PR: Algebra II Precalculus is a follow-up course to Algebra II. Its topics include polynomial, exponential, and logarithmic functions; trigonometric functions; graphing, formulas, and problem solving techniques; analytic geometry; matrices; vectors; sequences and series; polar coordinates, functions and complex numbers. In addition, the topics of limits and derivatives are covered to introduce students to calculus.	11,12	1

2410	Precalculus PAP	PR: Algebra II Pre-AP. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This course is a follow-up to Algebra II Pre-AP. Its topics include the language of sets and logic; ordered fields; sequences and series; vectors; concepts of limits and continuity; polynomial, exponential, and logarithmic functions; derivatives; polar coordinates and complex numbers; trigonometric functions, graphing, and formulas; matrices; analytic geometry of points, lines, and conic sections.	11,12	1
2500	College Math	PR: Geometry and Algebra II The purpose of this course is to reinforce and build upon algebra topics to prepare the student for college readiness. This course is a blend of Elementary and Intermediate Algebra which will prepare the student for success in a college-entry math course, such as College Algebra. The coursework requires students to be proficient both with and without the calculator.	12	1
2510	Statistics	PR: Algebra II Statistics is a course that involves the study of four main areas: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. The course draws connections between all aspects of the statistical process, including design, analysis, and conclusions. The course teaches students how to communicate methods, results, and interpretations using the vocabulary of statistics. The course teaches students how to use graphing calculators and demonstrates the use of computer output to enhance the development of statistical understanding through exploring and analyzing data, assessing models, and performing simulations.	11,12	1
2520	AP Statistics	PR: Geometry, Algebra II. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This course is a college-level class for which students may earn college credit through the AP Exam by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	11,12	1
2530	Statistics DC	PR: Geometry, Algebra II CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS PR for Dual Credit: PSAT score of 500 or higher on Math. This course is a college-level class for which students may earn college credit through qualifying for enrollment at St. Mary's University. THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY IF TAKEN AS DUAL CREDIT.	11,12	1
2540	AP Calculus AB	PR: Precalculus. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS Calculus is an advanced course for superior students. It is a full course in differential and integral calculus taught at a college level. It covers all topics included in the Calculus AB Advanced Placement scope & sequence. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	11,12	1
2550	AP Calculus BC	PR: Dept. Chair approval. AP Calculus BC is equivalent to two full semesters of college calculus. Students may earn this college credit by scoring 3 or higher on the Advanced Calculus BC examination. In addition to the material covered in Calculus AB, the BC course includes concepts and applications of polar, vectors, sequences and series. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	12	1

SCIENCE

Course ID	Course Title	Course Description	Grade	Credit
3100	Biology	This science course stresses the principles of all life sciences. Topics include cellular biology, genetics, ecology, taxonomy, microbiology, botany, invertebrate zoology, and comparative anatomy and physiology of chordates. Laboratory work and field work complement textbook study. Constructing family pedigrees, culturing microorganisms and preserving insects and wildflowers are just a few of the many projects performed throughout the year. The controversy between evolution and intelligent design theory is discussed critically.	9	1
3110	Biology PAP	PR: Top 48% on the HSPT. Students in this advanced course investigate the same topics as the Biology course, enriched with higher level content and investigations to prepare for the AP Biology course. An emphasis is placed on current literature, research, and career applications.	9	1
3200	Chemistry	PR: Biology and Algebra I This course is the study of energy and matter and their interrelationship. Some of the major topics are the classification of matter, atomic structure, periodicity, bonding and nomenclature of matter, moles, stoichiometry, energy, gas laws, and reaction types. Lab work is a critical component of the course.	10	1
3210	Chemistry PAP	PR: Biology and Algebra I. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS Students in this advanced course investigate the same topics as Chemistry, enriched with higher level content and lab investigations to prepare for the AP Chemistry course.	10	1
3300	Physics	PR: Biology and Algebra I Students conduct field and laboratory investigations, use scientific methods during investigation and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; and characteristics and behavior of waves. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of advanced scientific apparatus and materials during field and laboratory investigations.	11	1
3310	AP Physics 1	PR: Completion of Biology, Chemistry, Geometry, and Algebra II or concurrent enrollment in Algebra II. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS Students in AP Physics 1 will study kinematics, Newton's laws, circular and rotational motion, universal gravitation, harmonic motion, impulse, momentum, collisions, work, energy, electrostatics, DC circuits, and mechanical waves including sound. This course includes the lab science practices designated by the College Board. Students will prepare to take the AP Physics 1 Exam in May. This credit counts as a student's physics course for graduation. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	11,12	1
3400	Astronomy	Students conduct observations of the sky and study astronomy in civilizations, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration within a conceptual framework	12	1

3410	Anatomy & Physiology	PR: Biology, Chemistry This is an upper division science course that covers a variety of topics that include histology, pharmacology, toxicology, comparative anatomy, organ physiology, and developmental biology. Students will also be exposed to medical terminology and procedures through an assortment of dissections, microscopy, and presentations. Furthermore, students will use critical thinking skills to make informed decisions about health, fitness, diet and lifestyle, and pathology.	12	1
3420	AP Biology	PR: Biology, Chemistry CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This is a rigorous college level course organized around the underlying concepts that govern biological systems: evolution and the diversity of life, energy and homeostasis, storage and transmission of information and the interaction of biological systems. This course includes the lab science practices designated by the College Board. Students prepare to take the AP Biology exam in May. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	12	1
3430	AP Chemistry	PR: Biology, Chemistry CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This is a rigorous college course organized around the underlying concepts that govern chemical systems: atomic theory, the forces within matter, changes of matter, kinetic molecular theory, thermodynamics and equilibria. This course includes many math applications and the lab science practices designated by the College Board. Students prepare to take the AP Chemistry exam in May. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	12	1
3490	Chemistry Dual	PR: Biology, Chemistry Qualifying score of 500 on PSAT English CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS Students will be dually enrolled in our AP Chemistry class and St. Mary's course. This is a rigorous college course organized around the underlying concepts that govern chemical systems: atomic theory, the forces within matter, changes of matter, kinetic molecular theory, thermodynamics and equilibria.THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY IF TAKEN AS DUAL CREDIT.	12	1
3450	Evolution Dual Credit	PR: 3 science credits - Biology, Chemistry and Physics. Qualifying score of 500 on PSAT ENGLISH. CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This course introduces the student to the theory of natural selection, as well as many of the fascinating adaptations found within the animal kingdom and the natural world. Topics covered include microevolution, co- evolution, group selection, and paleontology. Evolution will primarily be looked at through the lens of biological science. However, there will also be extensive discussions regarding creationism/intelligent design, as well as what the Catholic Church teaches. THERE IS A \$100.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY IF TAKEN AS DUAL CREDIT.	12	1

SOCIAL STUDIES

Course ID	Course Title	Course Description	Grade	Credit
4100	W Geography	World Geography is an introduction to the physical, religious, economic, and cultural diversity of our world. It explores not only the physical geography of the Earth and the world's regions, but challenges the student to understand the range of cultural, economic and political systems on the world's population. Students will study the effects of topography and demography on various societies, and gain an appreciation of how the physical world shapes mankind.	9	1
4110	W Geography PAP	This course will explore various cultures, places, and environments from the spatial and ecological perspectives of geography. We will study the relationships of numerous cultures around the world and how they are influenced by their environment and their interaction with each other. We will analyze global trade patterns and their effect on local and national government and economics. We will discuss current events and conflict resolution in many parts around the world in an effort to understand beyond our borders. Selection for this course is based on HSPT scores.	9	1
4200	W History	This course covers the ancient, medieval, and modern world. It maintains a focus on the people and events that had the greatest impact on history. Students will learn the threads which tie our societies to the past through religion, law, commercial development and government. There is an additional emphasis on the contributions of the Church in the development of society as well as a comparative review of historical events with contemporary world affairs.	10	1
4210	W History PAP	PR: Current World Geography teacher recommendation. This course covers the same materials as the basic World History course but includes more stringent requirements and provides appropriate preparation for those students who expect to take AP U.S. History. Students will be exposed to history in a variety of ways to enable them to grow their critical thinking skills. Additionally, various in class exercises and projects develop their ability to work together on research, and presentations skills. Summer Reading Required.	10	1
4300	US History Since Reconstruction	The course looks at the economic, political, social, and military events that shaped the nation and directed US foreign and domestic policies from 1877 to the present. . Cooperative and team exercises allow the student to build their ability to work together. An emphasis on historical and current day events provides the student with the practical research and presentation skills expected of a college student.	11	1
4310	AP US History	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This course is a fast paced, in-depth look at U.S. History from Colonial times to present. U.S. History is discussed not only from the normal historical perspective, but also from the perspectives of government, politics, sociology and economics. The course contains extensive reading and writing requirements, and requires the student to be heavily involved in self and peer learning. Students electing this course should plan to budget a greater than average amount of study time to keep current. Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM. Summer Reading Required.	11	1

4400	Economics	This course covers those skills necessary to understand the basic economic principles at work in U.S. society today. The student examines the market place from both an individual and government's perspective. Students learn both microeconomic and macroeconomic concepts and models. The learned concepts and models are then applied to study current national and international financial dynamics. Emphasis is placed in discerning how the concepts are alive in today's marketplace. Critical thinking skills are enhanced through the application of Catholic principles of justice to the market and government intervention. This course is taken in conjunction with United States Government.	12	0.5
4410	AP Macro Economics	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS The purpose of AP Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places an emphasis on the study of national income and price-level determination, and also develops student's familiarity with economic performances measures, the financial sector, stabilization policies, economic growth, and international economics. This course is taken in conjunction with AP Government and Politics. Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	12	0.5
4420	US Government	This course describes, analyzes and explains the American System of government, beginning with the philosophy of the Founding Fathers and development of the nation. Students examine the Constitution and the rights and responsibilities of a citizen outlined therein. Attention is also given to the development and current status of the political party system in America. Critical thinking is developed through evaluation of the media and public effect on the political system and comparative politics. Attention is given to current national, state and local issues and their relationship to constitutional law. The Marianist concepts of justice and peace are emphasized in current issue discussions. This course is taken in conjunction with Economics.	12	0.5
4430	AP Government	PR: CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS The AP U.S. Government & Politics course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Students are required to develop a familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. This course will contain expanded reading and writing requirements and requires the student to be heavily involved in self and peer learning; student must consider the amount of time they must budget to succeed in this course. This course is taken in conjunction with AP Macroeconomics. Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	12	0.5
4600	Psychology	The study of psychology is based on an historical framework that relies on effective collection and analysis of data. Students study such topics as theories of human development, personality, motivation and learning. This course gives students the opportunity to study individual and group psychology. Students learn how the knowledge, methods and theories of psychologists apply to analyzing human behavior. Course content is organized to help students develop critical attitudes toward superficial generalizations about human behavior and to achieve a better understanding of human behavior in general.	11,12	0.5

4610	AP Psychology	This is an introductory college course in psychology, providing students with a learning experience commensurate with a college introductory course. This course will introduce students to the systemic and scientific study of behavior and mental processes of human beings and animals. They will be exposed to major subfields within psychological pedagogy. This course is ideally suited for those students planning a major in Liberal Arts at the college level, or for those who are seeking advance standing in college studies through the passage of the Advanced Placement Exam, or departmental testing programs. Students are encouraged to take the Advanced Placement Examination in May. Students may earn this college credit by scoring 3 or higher on the Advanced Placement College Board Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	11,12	0.5
4700	Personal Financial Literacy	This course is designed to provide students with a foundation in responsible financial practices. It equips students with the analytical skills necessary to make good decisions in earning and spending; saving and borrowing; insuring and protecting; and college and postsecondary education and training.	11,12	0.5

LOTE

Course ID	Course Title	Course Description	Grade	Credit
5100	Spanish I	This is a first-year introductory program aimed at preparing students to communicate in Spanish-converse with others, express their own ideas in writing, and read and understand what others have written. The course follows a communicative approach to language learning that emphasizes developing proficiency and Communicative competence in all four language skills-speaking, listening, reading, and writing. In addition, to helping students to acquire the Spanish language, the course also helps prepare them to interact socially and professionally with native Spanish speakers by helping them understand the cultural assumptions of the Spanish-speaking world, the cultural norms of these diverse societies, and their growing importance in the global community	9,10, 11	1
5200	Spanish II	This course reviews and strongly reinforces the listening and speaking skills learned in Spanish I. A continued emphasis is placed on the development of the four skills of listening, speaking, reading and writing within cultural contexts. More formal grammar is presented in Spanish II and is practiced through both oral and written communication. In addition, emphasis is on development of sequential reading comprehension and composition skills. This second year course introductory program is aimed at preparing students to communicate at a more advanced level in Spanish--converse with others, express their own ideas in writing, and read and understand what others have written.	9,10, 11, 12	1
5210	Spanish II PAP	PR: Spanish I and/or CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This course develops a high level of proficiency and a comprehensive knowledge of vocabulary and grammar. Classes are conducted primarily in Spanish. Students apply previously learned material in new and original contexts. Students develop an extensive understanding of Hispanic cultures through reading and discussion.	9,10, 11, 12	1
5300	Spanish III	In this course students will practice the major grammar structures previously studied, as well as more complex grammar concepts, including expanded uses of the subjunctive mood. Considerable emphasis will be given to enriching the students' active vocabulary and increasing their ability to comprehend and express themselves in spoken and written Spanish. Students will be required to speak in Spanish in a variety of situations ranging from class discussion to oral presentations and situations. Students will be able to read with comprehension selected short stories and newspaper and magazine articles. They will also become more informed about some of the contemporary problems and difficulties affecting Hispanic communities. This class is conducted primarily in Spanish.	9,10, 11, 12	1
5310	Spanish III PAP	PR: Spanish II and/or CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS This is a sequential program including listening, speaking, reading, writing, exploration of the Spanish culture, and linguistic study. Students will demonstrate knowledge in writing essential messages and in the communication of everyday situations. Students will continue learning how a language operates and skills that result in the application of the language learning process to the study of other languages.	9,10, 11, 12	1

5320	Spanish III DC	<p>PR: PSAT SCORE OF 500 OR HIGHER ON READING.</p> <p>This is a sequential program including listening, speaking, reading, writing, exploration of the Spanish culture, and linguistic study. Students will demonstrate knowledge in writing essential messages and in the communication of everyday situations. Students will continue learning how a language operates and skills that result in the application of the language learning process to the study of other languages.</p> <p>THERE IS A \$100.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY.</p>	11,12	1
5400	AP Spanish Language	<p>PR: Spanish III and/or CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS</p> <p>This course covers the equivalent material of a third-year college course in advanced Spanish composition and conversation. The aims of this two-semester course are: to improve dramatically the student's speaking ability; to review systematically grammar previously studied; to master -orally and in writing -new and more complex grammar concepts; to expose students to the literary use of Spanish and to increase both their literal and critical reading skills; to prepare students for the Advanced Placement Spanish Language and Culture Examination; and to enhance the students' knowledge of the cultural diversity of the Spanish-speaking world. Students will be required to speak Spanish in a variety of situations ranging from class discussions to oral presentations and debates. Students will read newspaper and magazine articles, short stories, poems, and excerpts from novels or plays by peninsular and/or Latin American authors. The selected class materials are designed to stimulate and perfect conversation and to assist students in the imitation of the native speaker's pronunciation, rhythm, moods and humor as their abilities increase. This class is conducted in Spanish, and students are expected to speak Spanish at all times. Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.</p>	10,11 ,12	1
5500	AP Spanish Literature	<p>PR: AP Spanish Language and CONFERENCE WITH PRESENT AND FUTURE INSTRUCTORS</p> <p>This course will integrate the College Board and our curriculum to prepare students for the AP Literature and Culture exam.</p>		
5600	Latin I	<p>This course opens the door to the Latin language and literature for the beginning student through adapted readings based on actual Latin authors. Students will engage in the following activities: reading Latin aloud and silently; asking and answering Latin questions about the readings; translating Latin sentences into English and vice-versa; memorizing and using vocabulary; developing listening and speaking skills; composing and presenting dialogues and conversations in Latin; studying the history and origin of English words derived from Latin; and learning about the customs, history, and mythology of the ancient Romans, especially as they have affected our own culture today. The aims of the course are: to teach students to read Latin accurately and confidently; and to familiarize students with life in the early Roman Empire.</p>	9,10, 11	1
5700	Latin II	<p>This more advanced section of Latin will require that students more quickly acquire new knowledge of Latin grammar and sentence structures to enable them to read more sophisticated works of prose and poetry. Authentic Latin sources are gradually introduced, as students begin to learn about various aspects of Roman culture (Roman dining, education, the baths, amphitheater and games, family and civic life) through the works of the Romans themselves.</p>	9,10, 11, 12	1

5800	Latin III	This course is an advanced language course designed for the superior Latin students who wish to continue to refine their Latin skills and reading ability. New grammar includes all uses of the subjunctive mood, gerund and gerundive; the student's overriding task is to read and comprehend the variety of clauses and constructions which typically form the Latin periodic sentence. A study of rhetoric accompanies readings from speeches of Cicero.	9,10, 11, 12	1
5810	Latin III PAP	This course is an advanced language course designed for the superior Latin students who wish to continue to refine their Latin skills and reading ability. New grammar includes all uses of the subjunctive mood, gerund and gerundive; the student's overriding task is to read and comprehend the variety of clauses and constructions which typically form the Latin periodic sentence. A study of rhetoric accompanies readings from speeches of Cicero.	9,10, 11, 12	1
5900	AP Latin	This course will follow the syllabus for the Vergil Advanced Placement Exam as outlined by the College Board (apcentral.collegeboard.com). The aim of this course is in conformity with college Latin studies in the fourth through sixth semesters. As in all such courses at this level, the basic objective is progress in reading, translating, understanding, analyzing, and interpreting Latin in the original form. Latin III is a prerequisite, plus approval of the teacher. The Latin 4AP course in Vergil is an advanced reading course in Vergil's <i>Aeneid</i> . Students may earn this college credit by scoring 3 or higher on the Advanced Placement CollegeBoard Exam at the end of the year. THERE IS A \$95.00 FEE FOR THIS COURSE TO COVER THE COST OF THE AP EXAM.	9,10, 11, 12	1
6000	French I	This course focuses on developing speaking and listening comprehension skills. Students are introduced to the people, their customs, and other aspects of their culture. Students will have the opportunity to work in pairs and small groups, as well as role-play real-life situations using the French language.	9,10,1 1,12	1

FINE ARTS

Course ID	Course Title	Course Description	Grade	Credit
6100	Marching Band	This course is designed for students to develop a mastery level for playing a band instrument acquired from previous courses of study. As the school's instrumental performance group, members may perform at football games, assemblies, parades, and concerts. Students may also participate in smaller groups: stage band, brass choir, and woodwind choir. There are also several individual and group competitive events during the school year, as well as a summer band camp. A variety of music is studied. Practice and performances after school are required.	9	1
6110	Music II, Band	This course is designed for students to develop a mastery level for playing a band instrument acquired from previous courses of study. As the school's instrumental performance group, members may perform at football games, assemblies, parades, and concerts. Students may also participate in smaller groups: stage band, brass choir, and woodwind choir. There are also several individual and group competitive events during the school year, as well as a summer band camp. A variety of music is studied. Practice and performances after school are required.	10	1
6120	Music III, Band	This course is designed for students to develop a mastery level for playing a band instrument acquired from previous courses of study. As the school's instrumental performance group, members may perform at football games, assemblies, parades, and concerts. Students may also participate in smaller groups: stage band, brass choir, and woodwind choir. There are also several individual and group competitive events during the school year, as well as a summer band camp. A variety of music is studied. Practice and performances after school are required.	11	1
6130	Music IV, Band	This course is designed for students to develop a mastery level for playing a band instrument acquired from previous courses of study. As the school's instrumental performance group, members may perform at football games, assemblies, parades, and concerts. Students may also participate in smaller groups: stage band, brass choir, and woodwind choir. There are also several individual and group competitive events during the school year, as well as a summer band camp. A variety of music is studied. Practice and performances after school are required.	12	1
6160	Advanced Band Percussion	This course is designed for students to develop a mastery level for playing percussion instruments acquired from previous courses of study. As the school's instrumental performance group, members may perform at football games, assemblies, parades, and concerts. Students may also participate in smaller groups: stage band, brass choir, and woodwind choir. There are also several individual and group competitive events during the school year, as well as a summer band camp. A variety of music is studied. Practice and performances after school are required.	9,10, 11, 12	1
6200	Begin Music Band	This course is for beginning instrumentalists and requires no previous experience. Basic music fundamentals include handling and care of the chosen instrument, pitch, time, scales, intervals, sight-reading, dynamics, and public performance. Students procure their own instruments or rent them from local music dealers. As preparation for Advanced Band, these courses require practice and performance outside school hours.	9,10, 11, 12	1

6210	Mens Show Choir	This course develops skills in proper vocal production and music reading. Students learn to improve their singing voice, sight-reading and ensemble skills through performance participation. Choral literature will include all genres of vocal music. Each level of this course, will build on the foundation of the previous course. Students will develop in confidence and collaborative skills through performance opportunities in solo, small and larger vocal ensembles. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extracurricular requirements.	9,10, 11, 12	1
6500	Art I	Art I is concept-based. Curriculum units include drawing, painting, printmaking, three dimensional art, fiber, digital art and media, and compositions of mixed media. Students work toward mastery level in originality and creativity. No prior art experience is required to be eligible for this course.	10,11	1
6505	Art II	PR: Must have completed Art I and be recommended by current Art teacher. The focus of this class is to develop an Art Portfolio. Art II is Concept-based and is designed to build on the experience of the Curriculum units of Art I. Assignments and student problem solving are more complex in drawing, painting, printmaking, three dimensional art, fiber, digital art and media, and compositions of mixed media. Artists, artist styles, and periods of art history become a focus, as does extensive creativity, imagery, individualization, and gallery display.	11,12	1
6510	Art II Ceramics	Ceramics is concept-based. Assignments and student problem solving are more complex with concentration in ceramics, ceramics types, ceramic building methods including wheel throwing, glazing techniques and the various clay and glaze media. Ceramic artists, ceramic artist styles and purposes, and periods of art history involved with ceramics become a focus. Extensive creativity, imagery, individualization, and gallery display in the ceramic media are the expectations.	12	1
6525	Art Appreciation	A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.	10,11 ,12	1
6600	Music Appreciation	This course is designed for students interested in studying the history of music, major time periods in which music developed as an art form, and the composers that impacted music literature of the world. Students will listen to, identify, and analyze major music compositions and trace the impact of such compositions through the development of world cultures. Students will also connect the creation and evolution of music instrument construction to various cultures around the world. No prior music knowledge is required to enroll in this course.	10,11 ,12	1

SPORTS

Course ID	Course Title	Course Description	Grade	Credit
7100	PE Football 9	Grade 9. 1 Credit. PR: Tryout and approval of the coaching staff This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	9	1
7110	PE Basketball 9	Grade 9. 1 Credit. PR: Tryout and approval of the coaching staff This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	9	1
7120	PE Baseball 9	Grade 9. 1 Credit. PR: Tryout and approval of the coaching staff This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	9	1
7130	PE Track CC 9	Grade 9. 1 Credit. PR: Tryout and approval of the coaching staff This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	9	1

7140	PE Golf 9	Grade 9. 1 Credit. PR: Tryout and approval of the coaching staff This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	9	1
7200	PE Football 10	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	10	1
7210	PE Basketball 10	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	10	1
7220	PE Baseball 10	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	10	1
7230	PE Track CC 10	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	10	1
7240	PE Golf 10	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	10	1

7300	PE Football 11	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	11	1
7310	PE Basketball 11	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	11	1
7320	PE Baseball 11	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	11	1
7330	PE Track CC 11	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	11	1
7340	PE Golf 11	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	11	1
7400	PE Football 12	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	12	1
7410	PE Basketball 12	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	12	1

7420	PE Baseball 12	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	12	1
7430	PE Track CC 12	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	12	1
7440	PE Golf 12	This course is designed to allow varsity team practice during the on and off season. This course emphasizes education in physical conditioning, health and nutrition, preparation for participation in team or individual competitive sports. Athletes whose schedules do not permit participation during the school day for credit will achieve their conditioning in after-school hours. Students who participate in these sports may earn up to 4 units in P.E. credit towards their elective requirement. Students must try out for the teams by demonstrating strong ability in the skills needed for field performance.	12	1

JROTC

Course ID	Course Title	Course Description	Grade	Credit
8100	JROTC 1 (PE)	This course introduces the ROTC Program, the concepts of leadership and citizenship, and the traditions of military courtesy to develop personal and small group relationship skills. It teaches military unit organization as the foundation for understanding organizational and management skills that can be applied in business, government, medicine, law, etc. It includes classroom instruction in self-awareness and growth planning, study skills to include left brain/ right brain theory, time management, note-taking procedures and identifying personal environmental factors. Initial instruction on leadership provides definitions of leadership, leader traits and principles and application of small group leadership. It provides initial teaching on communications skills and conflict resolution. It provides an introduction to financial planning. The Cadet Challenge (physical fitness test) is the hands on component of instruction to develop appreciation of maintaining a healthy lifestyle. Cadets begin a Cadet Portfolio they will maintain for all their years in ROTC. This Portfolio will consolidate a variety of information on learned KSA and personal academic, leadership, physical fitness and activities accomplishments that they can use on college and scholarship applications. (Freshmen band members are included in the ROTC marching band. This requires one day of military marching band drill each week, for which they receive additional points on the ROTC I grade.) Successful completion of ROTC I earns one P.E. credit.	9	1
8200	JROTC 2	This course is designed to develop initial leadership skills, basic knowledge for achieving and maintaining a healthy lifestyle, first aid, drug awareness and citizenship skills. First-level leadership skills are developed thru roles as squad and team leaders. Cadets develop communications skills by preparing and giving presentations concerning projects on healthy lifestyles and first aid, after teaching provided by instructor. Cadets continue to develop the Cadet Portfolio started in their first year.	10	1
8300	JROTC 3	This junior year elective course teaches intermediate leadership KSA, based on leadership traits and principles that are focused on the development of personal skills. Leadership classes include studies of diversity, performance assessment, negotiations, decision making and problem solving, leadership duties at different levels and how to lead small units. Classes on Managing Conflict give students support in leading others, and continues communications instruction with classes on improving writing and speaking skills, so that junior officers and non-commissioned officers may carry out leadership duties, including drill and ceremonies, performance counseling and classroom teaching. Classes on Career Planning and Planning Skills and Social Responsibility include Making Choices, Goal Setting, and Time Management. This also teaches management planning and coordination, and presents educational and career opportunities after high school. Additional life skills classes include setting personal financial goals, personal budgets, and savings and investments. Cadets continue to develop the Cadet Portfolio started in their first year.	11	1

8310	JROTC 3 H	<p>PR STUDENTS MUST BE RECOMMENDED BY THE INSTRUTOR FOR THIS COURSE. This junior year elective course teaches intermediate leadership KSA, based on leadership traits and principles that are focused on the development of personal skills. Leadership classes include studies of diversity, performance assessment, negotiations, decision making and problem solving, leadership duties at different levels and how to lead small units. Classes on Managing Conflict give students support in leading others, and continues communications instruction with classes on improving writing and speaking skills, so that junior officers and non-commissioned officers may carry out leadership duties, including drill and ceremonies, performance counseling and classroom teaching. Classes on Career Planning and Planning Skills and Social Responsibility include Making Choices, Goal Setting, and Time Management. This also teaches management planning and coordination, and presents educational and career opportunities after high school. Additional life skills classes include setting personal financial goals, personal budgets, and savings and investments. Cadets continue to develop the Cadet Portfolio started in their first year.</p>	11	1
8400	JROTC 4	<p>This senior year elective course explores the psychology of leadership and management; cadets then apply these skills at the company, battalion and brigade levels. Advanced leadership instruction includes Power Bases that support leadership roles, Styles of Leadership, Management Skills, Communications and Motivation. Cadets resolve unit leadership problems as part of their performance learning. The course also teaches staff functions and management techniques which cadets perform as necessary. After being given classes on how to prepare for and conduct instruction, cadets teach a variety of classes to commit these KSA to long term memory. Cadets plan and operate the Cadet Challenge sub course for underclassmen. The historical role of the Army in developing our country and functions of the Department of Defense completes four years of citizenship training. Additional life skills instruction includes using credit wisely and the use of insurance. Cadets continue to develop the Cadet Portfolio started in their first year.</p>	12	1
8410	JROTC 4 H	<p>PR STUDENTS MUST BE RECOMMENDED BY THE INSTRUCTOR FOR THE COURSE. This senior year elective course explores the psychology of leadership and management; cadets then apply these skills at the company, battalion and brigade levels. Advanced leadership instruction includes Power Bases that support leadership roles, Styles of Leadership, Management Skills, Communications and Motivation. Cadets resolve unit leadership problems as part of their performance learning. The course also teaches staff functions and management techniques which cadets perform as necessary. After being given classes on how to prepare for and conduct instruction, cadets teach a variety of classes to commit these KSA to long term memory. Cadets plan and operate the Cadet Challenge sub course for underclassmen. The historical role of the Army in developing our country and functions of the Department of Defense completes four years of citizenship training. Additional life skills instruction includes using credit wisely and the use of insurance. Cadets continue to develop the Cadet Portfolio started in their first year.</p>	12	1

CTE

Course ID	Course Title	Course Description	Grade	Credit
9000	Computer Programming	Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students apply technical skills to address business applications of emerging technologies.	10,11,12	0.5
9015	Robotics	In Robotics, students will transfer academic skills to component designs in a project- based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.	10,11,12	0.5
9020	Engineering & Design Dual Credit	PR: PSAT score of 500 in Reading and 500 in Math. This course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY.	11	1
9022	Introduction to Applied Engineering	This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships, Working on design teams, students will use multiple computer hardware and software applications to conduct research, design, and create projects, and present ideas related to biotechnology, electronics, robotics, and automation.	10,11,12	1
9050	Accounting I	Students utilize knowledge to engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information based on various accounting industry standards. Students formulate and interpret financial information for use in management decision making.	10,11,12	1
9059	Professional Communications	Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.	####	0.5
9060	Principles of Entrepreneurship	Course focuses on analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. Students will learn the knowledge and principles necessary to become an entrepreneur and begin and operate a business.	10,11,12	0.5

9065	Principles of Information Technology	Students use emerging technologies, demonstrate ethical use of the Internet and explain issues concerning Internet security protocols. Students identify computer hardware components and demonstrate an understanding of file extensions. Students produce and format various documents with both text and graphics, input formulas and utilize pre-programmed functions in documents and tables. Students apply design and web publishing techniques.	10,11,12	1
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RELIGION				
Course ID	Course Title	Course Description	Grade	Credit
9100	Introduction to Catholicism	This course focuses on what Catholics believe and practice. Through lecture, discussion, research projects, and reading, students come to understand that they can encounter Christ today in a full and real way in and through the Sacraments. Special emphasis is placed on the Eucharist as the heart of our encounter with Christ. Student's study, organizational and writing skills are further developed by lecture and note taking, essay, reflection and research papers. Through discussion and reflection student's critical thinking processes are encouraged to flourish. Also included is an introduction to the life of Blessed William Joseph Chaminade, founder of the Marianists. Through reading, lecture and discussion, students will be able to see how the Marianist Charism is a force for good and positive change in our lives and our world. This course is taken in the Fall and paired with the Old Testament course that is taken in the Spring.	9	0.5
9110	Old Testament	This course continues to help students build on their reading comprehension and writing skills by being introduced to Sacred Scripture. Through their reading of the Bible they will come to encounter the living Word of God. Scripture will come to life for them through discussion, reflection and comparison of the people and events of the Bible to world topics today. Studying the Revelation to the Israelites in light of the Promised Savior as found in the Old Testament, will enable students to see the value of Sacred Scripture to people throughout the world as well as in their own lives. This course is taken in the Spring and is paired with Introduction to Catholicism.	9	0.5
9200	New Testament	Using selected readings from the New Testament, students will focus on a contextual interpretation of the life, death, resurrection, and ascension of Jesus Christ and His impact on the people of His day and on the early Christian community. This will be accomplished with a specific study of the portrayal of Jesus as it appears in Synoptic and Johannine literature, and the significance of the message of Jesus in our own day through the lens of the Catholic and Marianist Tradition. Building on the skills that students learned in freshman year, students will compare the values of Jesus to the values depicted in current events in the world and their lives and so deepen their critical thinking and writing skills. In learning about who Jesus is, students will learn who he calls them to be. This class is paired with Church History.	10	0.5
9300	Church History	Sophomore religion prepares students for the rigors of college through discussion, debate, essay and research paper writing. This course presents a catechesis of the Church and the Body of Christ in history: its nature and meaning, images, ministry, moral life, and the role of prayer. A study of the historical events and sacred nature of Christ's Church from the Hebrew synagogue to the modern Church, students will understand that the Church is the living Body of Christ today. This class is paired with New Testament.	10	0.5

9210	Catholic Morality	This course will introduce students to the academic study of moral theology in relationship to current moral issues with particular emphasis on the dignity of the human person, conscience formation, and the struggle to live authentically in our culture. Students will think critically about the moral concepts and precepts that govern the lives of Christ's disciples. Using Jesus as a moral guide, students will study the response of the Catholic Church through the lens of the Marianist tradition to some of the pressing moral issues of our day, and be able to articulate the Church's stand on these issues. This course is paired with Catholic Social Teaching.	11	0.5
9310	Catholic Social Teaching	This course introduces students to the Church's Social Teaching. Students will learn how Christ's concern for others, especially the poor and needy is present today in the Church's social teaching and mission. In studying the Social Justice teachings of the Catholic Church, moral theology is applied to the modern condition and the challenge of living as a disciple of Christ in today's society is explored. This course is paired with Catholic Morality.	11	0.5
9400	Ecumenical & Interreligious Dialogue	This course surveys the major religious traditions of our world and teaches students to respect the commonalities that exist between all humans, to seek to understand the Roman Catholic viewpoint on the spiritual paths of non-Christian religions, to differentiate between the ideas and practices of religions, and to understand the fundamental human attraction toward religious expression. This course is taken in conjunction with Christian Discipleship.	12	0.5
9410	Christian Discipleship	This course examines the spiritual, philosophical, and psychological questions concerning the human longing for meaning and happiness in contemporary society. The course addresses questions of human ethics in the formation of a just society, the role of spirituality in human happiness, and human attempt to substitute our desire for God with other pursuits. A unit in this course examines the question of spirituality, ethics, and religious commitment in an increasingly secularized culture. This course is taken in conjunction with Ecumenical & Interreligious Dialogue.	12	0.5
9420	Reflect God DC	PR: PSAT SCORE OF 500 OR HIGHER ON READING. This year long course seeks to educate students in a critical discourse with human experience, biblical origins, historical foundations, and historical developments of the Christian tradition. As an introduction to academic, collegiate theology, the course will also address the way in which contemporary critical, scholarly analysis interacts with the texts, claims, and historical developments of Christianity. THERE IS A \$50.00 FEE FOR THIS COURSE FROM ST. MARY'S UNIVERSITY.	12	1